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Urban District Council of Adwick-le-Street



The Health
of
Adwick-le-Street

1954

Health Department,
Council Offices,
Adwick-le-Street,
Near Doncaster.

JOHN FERGUSON, M.B., Ch.B., D.P.H.
Medical Officer of Health.
W. SENIOR, M.S.I.A.,
Sanitary Inspector.

URBAN DISTRICT COUNCIL OF ADWICK-LE-STREET

Chairman of the Council:
Councillor T. BOWATER

Vice-Chairman:
Councillor A. McCRACKEN

Chairman of the Health and Housing Committee:
Councillor H. PERKINS

Chairman of the Health Sub-Committee
County Councillor T. BAYNHAM

Members of the Health and Housing Committee:

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Coun. W. Cranfield, J.P.	Coun. P. C. Topliss
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Ald. J. W. Lane,	Coun. A. Harwood
B.E.M., J.P.	Coun. R. Young
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Coun. H. Murfin	

URBAN DISTRICT COUNCIL OF
ADWICK-LE-STREET

Public Health Department,
Council Offices,
Adwick-le-Street,
near Doncaster.

August, 1955.

To the Chairman and Members of the
Adwick-le-Street Urban District Council.

Mr. Chairman and Gentlemen,

I have pleasure in submitting my Annual Report on the health of the inhabitants of the district for the year 1954. As in previous years I have taken the opportunity of giving details of the work carried out in the district as Divisional Medical Officer.

The Birth Rate showed a slight reduction as did also the Death Rate. Unfortunately the Infantile Mortality Rate showed an increase over 1953.

The occurrence of infectious diseases was particularly low and once again there were no cases of diphtheria. No cases of poliomyelitis occurred.

Throughout the report I have commented on the figures and statistics and endeavoured to relate them to the health and welfare of the inhabitants.

My thanks are due to the Chairman and Members of the various Committees and to my fellow Officials for their help and co-operation during the year. I am particularly indebted to the Sanitary Inspector and the Public Health staff for their valued help.

I have the honour to be, Gentlemen,

Your obedient Servant,

J. FERGUSON,
Medical Officer of Health.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

1—PUBLIC HEALTH OFFICERS:

- (a) **Medical Officer of Health:**
JOHN FERGUSON, M.B., Ch.B., D.P.H.
- (b) **Sanitary Inspector:**
W. SENIOR, M.S.I.A.
- (c) **Clerk:**
Miss R. HOLLAND

2—DIVISIONAL HEALTH OFFICE:

- (a) **Divisional Medical Officer of Health:**
Dr. JOHN FERGUSON.
- (b) **Assistant Medical Officer of Health:**
Dr. A. KROPACZ.
- (c) **Pædiatrician:**
Dr. C. C. HARVEY.
- (d) **Ante-Natal Medical Officer:**
Dr. D. CHAPMAN.
- (e) **Health Visitors:**
Miss B. M. JOHNSON
Miss M. LAMBERT. Tel. No. Doncaster 61319
Miss A. PETERSEN Tel. Doncaster 61319
Miss O. M. STONE
Miss P. CRAWLEY (Tuberculosis visitor).
- (f) **Midwives:**
S. EDWARDS. Tel. No. Adwick-le-Street 2156.
J. GOODINSON. Tel. No. Adwick-le-Street 2191.
H. HUDSPITH. Tel. No. Adwick-le-Street 2117.
H. le VANN. Tel. No. Adwick-le-Street 2244.
Mrs. L. STONE (Relief). Tel. No. Doncaster 3883.
R. HUNTER (Relief). Tel. No. Doncaster 49790.
- (g) **Home Nurses:**
B. MURGATROYD. Tel. No. Adwick-le-Street 2193.
W. MARSH. Tel. No. Adwick-le-Street 3149.
M. BOOLEY (Relief). Tel. No. Doncaster 2481.
- (h) **Mental Health Social Worker:**
Miss P. CONWAY.
- (i) **Mental Health Home Teacher:**
Mrs. HERRETT.
- (j) **Speech Therapist:**
Miss T. ROBINSON
- (k) **Senior Clerk:**
C. W. VALLANCE.
- (l) **Clerical Staff:**
Miss B. BETTLES. Mrs. M. BACKHURST.
Mr. E. KING. Miss M. DEMPSEY.
Miss J. KAYE. Mrs. V. MARSH.
Miss J. FLETCHER.

SECTION A

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area	3,605 acres
Registrar General's estimate of:	
Resident population mid-year 1954 ...	18,690
Number of inhabited houses at end of 1954	5,253
Rateable Value	£83,326
Sum represented by a penny rate	£321

EXTRACTS FROM VITAL STATISTICS

(Corrected for inward and outward returns)

Births

LIVE BIRTHS					1954	1953
Total number	...	...	...	...	347	366
Birth rate per 1,000 population (crude)					18·6	19·5
„ „ „ (adjusted)					17·9	20·0
Birth rate for England and Wales	...				15·2	15·5
				Males	Females	Total
Legitimate	...	...	...	181	150	331
Illegitimate	...	...	...	10	6	16
Total	...	...	...	191	156	347
STILL BIRTHS					1954	1953
Total number	...	...	...	...	11	6
Rate for 1,000 population			...	...	30·7	16·7
Rate for England and Wales	...		...	...	23·4	22·4
				Males	Females	Total
Legitimate	...	...	...	5	5	10
Illegitimate	...	...	...	1	—	1
Total	...	...	...	6	5	11

The Birth Rate has dropped markedly since 1947, when it was 26·6, compared with this year's figures of 17·9.

DEATHS				1954	1953
Total number of Deaths				179	195
Death rate per 1,000 population (crude)				9·6	10·4
Death rate per 1,000 population (adjusted)				12·8	13·8
Death rate for England and Wales ...				11·3	11·4
Deaths from:					
Cancer				34	28
Tuberculosis (all forms)				7	5
Heart Disease				47	52
Pregnancy and Childbirth				1	—

COMMENT ON VITAL STATISTICS

Births

The Birth Rate declined slightly during the year, there being 19 fewer births. The adjusted Birth Rate is still bigger than the Birth rate for England and Wales.

The number of illegitimate births increased from 11 to 16. The Moral Welfare Committee of the Archdeaconry of Doncaster and Rotherham have again been most helpful in these cases and give the practical help so necessary.

A table is appended showing the survival rate of premature babies born in the area. Premature babies, that is babies born with a weight of 5½lbs. and under, require much extra nursing care and mothering. Midwives in this division have been specially trained in the care of these premature babies and every provision is made, special cots, oxygen, etc., to ensure that the baby has every possible chance of survival.

Deaths

The number of deaths fell slightly from 195 to 179 giving a rate of 12·8 which is slightly above the rate for England and Wales. There was an increase in the deaths from Cancer, 34 deaths compared with 28 in 1953 and a slight decrease in the number of deaths from heart disease, 47 deaths compared with 52 in 1953. There were four deaths from cancer of the lung. There was one death associated with pregnancy.

The Infantile Mortality Rate, unfortunately showed an increase compared with 1953, there being 16 deaths of children under one years of age compared with 10 in 1953. Prematurity was given as the cause of death in 4 cases, but an investigation of the deaths showed that 7 of the deaths occurred in premature children.

One person was killed in the area as a result of a road accident compared with 7 in 1953.

INFANTILE MORTALITY

The Infantile Mortality Rate is the number of deaths of infants under one year of age per 1,000 registered births.

	1954	1953
Number of deaths	16	10
Adwick-le-Street per 1,000 births...	46·1	27·3
England & Wales per 1,000 births	25·5	26·8

Of the 16 deaths which took place of children under one year of age, 9 were males and 7 females.

An investigation of these deaths showed that the main causes were:—

Prematurity	...	...	...	...	...	4 deaths
Bronchopneumonia	...	...	...	...	...	4 „
Bronchitis	...	...	...	...	...	1 „
Gastro Enteritis	...	...	...	...	...	1 „
Atelectasis	...	...	...	...	...	2 „
Other causes	...	...	...	...	...	4 „

The age groups at which death occurred were:—

0—24 hours	1—7 days	1—4 weeks	1—12 months
4	4	2	6

NEONATAL MORTALITY

The Neonatal Mortality Rate is the number of deaths of infants under four weeks of age per 1,000 registered births.

	1954	1953
Number of deaths	10	7
Adwick-le-Street per 1,000 births ...	28·8	16·4
England and Wales per 1,000 births	17·7	17·7

PREMATURE BIRTHS

Birth Weight	Total Born				No. who died under 28 days.		No. who survived 28 days.
	Dead		Alive		at home	at hospital	
	at home	at hospital	at home	at hospital			
Under 3 lbs.	1	2	—	1	—	1	—
3—4 lbs.	—	1	2	2	2	2	—
4—5½ lbs.	1	1	13	9	1	1	20
	2	4	15	12	3	4	20

~~INFANT MORTALITY~~
~~PREMATURE BIRTHS~~

COMPARATIVE TABLES

Year	Population	Birth Rate	Death Rate	Infantile Mortality Rate
1915	10,431	39.00	12.60	147.40
1920	11,797	30.90	9.90	67.70
1930	19,230	25.70	11.00	60.40
1935	19,650	19.60	12.90	80.70
1936	19,680	18.30	13.90	72.20
1937	19,330	16.70	13.60	58.20
1938	19,170	18.90	14.70	74.10
1939	19,050	19.52	13.46	72.58
1940	18,050	18.94	13.06 (crude)	40.81
1941	18,120	19.75	9.27 (crude)	77.12
1942	17,890	19.67	8.66 (crude)	53.97
1943	17,670	20.71	10.01 (crude)	71.03
1944	17,700	25.00	8.89 (crude)	49.43
1945	18,060	21.87	11.68 (crude)	96.20
1946	19,120	21.86	9.05 (crude)	35.88
1947	19,100	26.6	10.0 (crude)	71.0
1948	18,880	24.0	8.6 (crude)	53.0
1949	18,080	19.2	9.83 (crude)	65.6
			13.14 (corrected)	
1950	18,950	18.2	13.2 (corrected)	54.4
1951	18,640	19.12	12.12 (corrected)	28.7
1952	18,620	17.0	12.63 (corrected)	47.46
1953	18,760	20.0	13.8 (corrected)	27.3
1954	18,690	17.9	12.8 (corrected)	46.1

COMPARATIVE VITAL STATISTICS FOR THE YEAR 1954

The following table shows an interesting comparison between the authority's vital statistics and those of the W.R.C.C. Urban Authorities, the West Riding as a whole, and England and Wales as a whole.

Based on the Registrar General's figures.

Crude Rate	Adwick-le-Street Urban District	Aggregate West Riding Urban Districts	West Riding Admin. County	England and Wales
LIVE BIRTHS	18.6	14.7	15.1	15.2
DEATH RATE (All causes).	9.6	12.7	11.9	11.3
Infective and Parasitic dis., excluding Tuberculosis but including syphilis and other V.D.	0.11	0.07	0.08	*
Tuberculosis				
Respiratory	0.37	0.18	0.16	0.16
Other Forms	0.00	0.01	0.02	0.02
All Forms	0.37	0.19	0.18	0.18
Cancer	1.82	2.12	2.01	2.04
Vascular Lesions of the Nervous System	1.39	2.03	1.84	*
Heart and Circulatory Diseases	2.8	4.88	4.54	*
Respiratory Diseases	1.44	1.27	1.22	*
Maternal Mortality	2.79	0.80	0.89	0.69
Infant Mortality	46.1	28.3	28.0	25.5
Neo-Natal Mortality	28.8	18.6	18.3	17.7
Still Births	30.7	26.6	25.9	23.4

* Figures not available.

Maternal Mortality Rate per 1,000 Live and Still Births

Still Birth Rate per 1,000 Live and Still Births.

Infant Mortality Rate per 1,000 Live Births.

Neo-Natal Mortality Rate per 1,000 Live Births.

Social Conditions.

The chief occupations of the inhabitants of the district are coal mining, railway work and engineering, with tradesmen and shopkeepers who cater for their needs.

SERVICES PROVIDED BY LOCAL HEALTH AUTHORITY

1. Child Welfare Service and Health Visiting Service.

The child welfare centre continues to be well attended, particularly by mothers with young babies. The attendances at the centre, taken with the visits paid by health visitors to the home, show the excellent and unequalled service and help offered to mothers in the rearing of their children. This is truly a preventive service and the success of the work of these highly-trained health visitors is shown by the improving standards of health and physique found in children today. Along with their colleagues, the midwives and home nurses, the health visitors are important to the general practitioners in bettering the health of the community.

(a) Clinics.

The attendance at these clinics is as follows:—

Presbyterian Chapel, Owston Road, Carcroft—

Thursday, 10 a.m.—4 p.m.

Woodside Chapel, Woodlands, near Doncaster—

Thursday, 10 a.m.—4 p.m.

	Carcroft	Woodlands	Total
No. of attendances during year:			
(a) Children under 1 year	2881	2651	5532
(b) Children 1—5 years	1883	1580	3463
No. who attended first time during year			
(a) Under 1 year ...	153	187	340
(b) 1—5 years ...	254	260	514
Total No. of Sessions ...	96	96	192
Average attendance per session:			
(a) Under 1 year ...	30·1	27·6	57·6
(b) 1 to 5 years ...	19·6	16·4	36

(b) Home Visits.

No. of first visits to children:				
(a) Under 1 year ...	...	...	...	358
(b) 1 to 5 years ...	...	...	...	1297
No. of re-visits to children:				
(a) Under 1 year ...	...	...	...	1773
(b) 1 to 5 years ...	...	...	...	3171
No. of Ante-Natal visits ...	...	...	...	117
(a) First visits ...	...	...	...	153
(b) Subsequent visits ...	...	...	...	2088

Total visits	...	8957
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Distribution of Welfare Foods.

The distribution of Welfare Foods (National Dried Milk, Orange Juice, Cod Liver Oil, Vitamin A and D. tablets) was taken over from the Ministry of Food by the West Riding County Council commencing 28th June, 1954. The transfer was effected smoothly and without much inconvenience to the public and is now established and working well. Details of the times of sales at the various centres in the district are as follows:—

Divisional Health Office:					
During Office Hours	...	...	...	Week days	9 a.m. to 5.15 p.m.
Saturdays	...	...	...		9 a.m. to 12.30 p.m.
Carcroft C.W.C.	...	...	...	Thursdays	10 a.m. to 4 p.m.
Woodlands C.W.C.	...	...	...	Thursdays	10 a.m. to 4 p.m.

Sales for the period 28th June, 1954, to 1st January, 1955, are as follows:—

Distribution Point	Nat. Dried Milk		Orange Juice		Cod Liver Oil	Vit. A & D
	Sold	Free	Sold	Free	Free	Free
Carcroft	1,526	—	1,542	—	404	110
Woodlands	932	—	1,119	—	317	84
Div. Health Office	2,652	—	916	16	229	121
Total	5,110	—	3,657	16	950	315

2. Maternity Service.

Every effort is made to co-operate with the general practitioners to ensure that every pregnant woman gets the best possible ante-natal supervision and attendance at the birth of the child. With the consent of the patient, her first attendance is notified to her own general practitioner, but attendance at ante-natal clinics is open to any pregnant woman, whether her own doctor has been engaged for the confinement or not.

Classes continue to be held to help mothers, particularly those having their first babies, to approach the confinement confidently and with an understanding of the perfectly normal processes involved. These classes include relaxation exercises, advice in diet, the hygiene of pregnancy, mothercraft talks, the provision of layettes, maternity benefits, etc. During 1954, 394 mothers attended the clinics.

(a) Ante-Natal Clinics.

Carcroft	...	...	Monday, 1 p.m.—4 p.m.		
Woodlands	...	...	Tuesday, 10 a.m.—4 p.m.		
Total No. of Attendances:					
		Carcroft	Woodlands	Total	
(a) Ante-Natal	...	...	650	1295	1945
(b) Post-Natal	...	...	26	50	76
No. of individual women who attended:					
(a) Ante-Natal	...	...	126	278	404
(b) Post-Natal	...	...	26	50	76
No. of Sessions	...	...	48	96	144
Average attendance per session:					
(a) Ante-Natal	...	...	13·5	13·4	
(b) Post-Natal	...	...	·54	·52	

(b) **Midwives.**

There is a full complement of midwives in the area and appended is a table of domiciliary midwifery and visits carried out during the year.

DOMICILIARY CASES				
Doctor not booked		Doctor booked		Total
Doctor present at delivery	Doctor not present at delivery	Doctor present at delivery (either booked doctor or another)	Doctor not present at delivery	
2	149	33	33	221

No. of Ante-Natal visits 1547

No. of Post-Natal visits 3974

During the year there were 174 requests to doctors for medical aid by the midwives throughout the Divisional Area.

Pregnancy 51

Labour 91

Lying-in 11

The Child 21

(c) **Gas and Air Analgesia.**

All midwives have attended a course on the administration of gas and air analgesia to ease the pain of childbirth. Appended is a table of the number of cases given this mild anaesthetic, and also the number of cases to which pethedine was administered.

No. of cases in which gas and air was administered by midwives in domiciliary practice during the year 129

1. When doctor was not present at delivery ... 113

2. When doctor was present at delivery ... 16

No. of cases in which Pethedine was administered by midwives in domiciliary practice during the year 31

1. When doctor was not present at delivery 26

2. When doctor was present at delivery ... 5

(d) **Maternity Home Accommodation.**

Compared with most other parts of the county, particularly the north, this area has only very limited accommodation for confinements in maternity homes. All cases requiring medical or surgical treatment are admitted at once by the two consultants, Miss Peaker and Mr. Stevenson. In addition, social bookings to the extent of seven per month are granted to this division.

Cases admitted to:—

Hamilton Annexe 119

Hamilton Lodge 8

Hallamshire Maternity Home 1

Jessops Hospital, Sheffield 1

Private Nursing Home 10

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3. Home Nursing.

This service continued to have heavy demands made upon it during the year. As reported previously, use was made of a surgery in the centre of Bentley where the nurses attended in rotation one hour daily. To this surgery the general practitioners send their ambulant patients for dressings and injections, and without the provision of this surgery the nurses could not get through the work. The nurses' work, as far as treatment is concerned, under the direction of the practitioner, and their services are called upon directly by them.

District Nursing (for Divisional Area) 1954

Type of Case	No. of cases attended by Home Nurses	No. of visits made by Home Nurses
1—Medical	560	11,701
2—Surgical	312	7,336
3—Tuberculosis	14	426
4—Maternal Complications ...	4	63
Total	890	19,526

4. Home Helps.

This service continues to expand rapidly, and a table is appended showing the increase of cases and of hours worked over 1953. The increased help has been mainly to the aged and the aged sick, and this home help service has done a great deal to add to the comfort of these old folks in their declining years. This case of the elderly is a growing problem, a problem which could be helped in some cases by the provision of more homes for the aged. But the majority of old folks want their own home, and the excellent provision which authorities make to the problem by erecting bungalows for aged persons, in conjunction with a home help service, is the satisfactory solution in most cases.

Type of Case	No. of Cases		Hours Employed	
	1954	1953	1954	1953
Maternity	10	11	560	658 $\frac{3}{4}$
Tuberculosis	—	—	—	—
Chronic Sick	55	73	10,810 $\frac{1}{2}$	15,100 $\frac{1}{2}$
Others	18	32	5,550 $\frac{1}{2}$	5,631 $\frac{1}{2}$
Totals	83	116	16,921	21,390 $\frac{3}{4}$

5. Special Clinics.

Special clinics are held for all children suffering from orthopaedic defects, defects of the ear, throat and nose, and defective vision. Appended is a list of such clinics held during the year.

(a) Ear, Nose and Throat Specialist (Mr. Petty)

Clinics held at the Doncaster Royal Infirmary.

No. of children referred to E.N.T. Specialist	142
Operations required	59
Treatment required	13
No action	19
Did not attend	51

(b) **Refraction** (Mr. Mehta)
 Clinics held in the Wood Street Clinic, Doncaster.
 No. of children referred 226

(c) **Orthopaedic** (Mr. Maitland Smith)
 Clinics held bi-monthly at 20 Christ Church Rd.,
 Doncaster.
 No. of children examined 9
 Operations or treatment required 7
 No action 2

(d) **Paediatric Clinics** (Dr. C. C. Harvey)
 This service is greatly appreciated by the doctors in the area,
 who send their cases to see Dr. Harvey at his monthly clinic, or
 arrange with him for a home visit.

(e) **Sun Ray Clinic**
 The Sun Ray Clinic continues to be held at the Bentley
 Pavilion three times a week.

6. **Chiropody Service.**

Thanks to the provision of a fund by the Woodlands
 Community Centre we were able to institute a Chiropody Service
 for the aged of Woodlands and Adwick.

This service was started on the 20th September, 1954, and is
 held three times monthly at the Welfare Pavilion, Woodlands, by
 appointment, and any aged person can make use of this service
 free of cost.

Attendances from the 20th September, 1954, to 31st December,
 1954, were:—

No. of Clinics held	...	...	...	11
No. of persons attended	...	...	...	90
No. of treatments given	...	...	...	100

7. **School Health Service.**

Every school child is examined by a whole-time Medical
 Officer on entry to a primary school, in the last year at a primary
 school and in the last year at a secondary school. Additional special
 examinations are carried out at the request of the parent, teacher,
 or at the Medical Officer's discretion.

When the medical examination reveals a defect, arrangements
 are in force for the case to be followed up and the necessary treat-
 ment to be obtained. Minor ailment clinics are held by the School
 Nurse, and quarterly visits to the schools are made for the inspec-
 tion of heads.

It is a matter of serious regret that no School Dental Service
 is available for any school in Adwick or Bentley. It is appreciated
 that a school child can go to a private dental surgeon, but too often
 such a visit is made because of toothache. A School Dental
 Service is urgently required where a child is under regular dental
 supervision and where preventive treatment can be given at an
 early stage.

No. of children examined	...	...	1663
Routine	...	...	1473
Specials	...	...	124
Re-examinations	...	...	66
No. of children found to have defects	...	...	372
(a) Requiring treatment	...	...	237
(b) Requiring observation	...	...	135
Nutrition of children examined:—			
(a) Normal	...	...	1661
(b) Sub-normal	...	...	2

8. Mental Health Service.

Appended are tables showing the categories of mentally defective persons in the division. The Mental Health Visitor and the Social Worker have given invaluable service to the parents and guardians of these persons during the year. There is a serious need for an occupation centre in this area, and at the time of writing a site in Adwick area is in process of being obtained to erect such a centre. In the meantime, help is limited to individual training, group training and advice.

Mental Deficiency Statistics

	Males	Females	Total
1. No. of defectives under supervision at home:—			
(a) Statutory supervision ...	24	23	47
(b) Voluntary supervision ...	6	6	12
(c) Guardianship ...	1	1	2
(d) On licence from institutions	2	—	2
Total under supervision ...	33	30	63
2. (a) No. of defectives in gainful employment ...	11	2	13
(b) No. attending occupation centres ...	3	—	3
(c) No. receiving home teaching	4	2	6
(d) No. receiving group training	4	1	5
(e) No. awaiting admission to institution ...	3	2	5
Total ...	25	7	32
3. Place under supervision in 1954 ...	3	2	5
4. Placed under guardianship in 1954	—	—	—
5. Admitted to institutions in 1954 ...	2	—	2
6. Admitted to occupation centres, 1954	—	—	—
7. Visits paid during 1954:—			
(a) To cases on licence ...	8	4	12
(b) To cases under Statutory supervision ...	90	100	190
(c) To cases under Voluntary supervision ...	24	24	48
(d) For home reports for institutions ...	8	12	20
Total visits ...	130	140	270

9. Speech Therapist.

The services of a Speech Therapist were available to the division on two days per week throughout the year. Unfortunately the Speech Therapist resigned in March of this year, and it has not been possible to replace her.

10. Ambulance Facilities.

This scheme is still operating satisfactorily. There is a free ambulance and sitting car twenty-four hour service for everyone. The vehicles are stationed at Yarborough Terrace, Bentley, and are available on request from doctors and nurses, or from the general public in an emergency.

11. Care and After-Care.

It is important that patients who have been treated in hospital by consultants, either medically or surgically, should receive after-care on their return to their own homes to ensure continued benefit from the treatment.

Discharged patients who require nursing assistance either from the home nurse, midwife, or health visitor are notified to the Medical Officer of Health, who, in co-operation with the patient's doctor, arranges for the necessary service to be given.

In common with many other areas, there is a serious shortage of beds for the aged chronic sick, and distressing cases have often to wait for admission. The home nurse and the services of a home help can occasionally help in these conditions, but where there are no relatives living in the house or near at hand, the only solution is removal to hospital.

The medical consultants at the hospital have been most helpful by arranging for copies of letters to the private practitioners regarding patients under 15 years of age to be sent to the Divisional Office.

12. Special Examinations.

Throughout the year special examinations are carried out for the Council of all staff (officials and workmen) who commence work for the Council. Medical examinations and consultations are also held with members of the staff who have prolonged absence with sickness.

Similar examinations are carried out for the West Riding County Council, and also of intending teachers prior to admission to college.

No. examined for Adwick-le-Street U.D.C.	—
No. examined for W.R.C.C.	14
No. intending teachers examined ...	9

13. Telephone Numbers.

Adwick-le-St. Public Health Dept. ...	Adwick-le-St. 2234
Divisional Health Office, ...	Adwick-le-Street 2176
Ambulance Depot, Yarborough Terrace ...	Doncaster 49468
Ambulance Depot, Doncaster	Doncaster 53173

14. Mass Radiography Unit.

This unit visited the area in March and April, and I append herewith the results of the examinations.

WOODLANDS				1954	1952
		Males	Females	Total	Total
Total radiographed		1377	875	2252	2144
Passed on miniature film ...		1262	833	2095	2020
Failed to attend for repeat miniature		11	—	11	—
Recalled for large film ...		60	32	92	88

Failed to attend for large film	2	1	3	5
Passed on large film	17	15	32	25
Recalled for medical interview after large film	41	16	57	58
Recalled for medical interview without large film	44	10	54	36
Referred to Chest Clinic ...	31	13	44	25
Referred to "own doctor" ...	54	12	66	56
"No action" cases after interview	—	1	1	13

Included in these figures are the school children of 14 years
and under:—

Total radiographed	233	249	482	496
Referred to "own doctor" ...	—	—	—	2
Referred to Chest Clinic ...	—	—	—	6

CARCROFT

	Males	Females	1954 Total	1952 Total
Total radiographed	941	561	1502	1407
Passed on miniature film ...	862	519	1381	1331
Failed to attend for repeat miniature	—	—	—	—
Recalled for large film	53	39	92	59
Failed to attend for large film...	2	2	4	5
Passed on large film	16	23	39	25
Recalled for medical interview after large film	35	14	49	29
Recalled for medical interview without large film	26	3	29	17
Referred to Chest Clinic ...	28	9	37	21
Referred to "own doctor" ...	—	—	—	2
"No action" cases after interview	—	—	—	9

Included in these figures are the school children of 14 years
and under:—

Total radiographed	100	87	187	101
Referred to "own doctor" ...	—	1	1	—
Referred to Chest Clinic ...	—	—	—	1

PERCY JACKSON GRAMMAR SCHOOL

	Males	Females	Total	
Total radiographed	328	283	611	—
Passed on miniature film ...	324	271	596	
Failed to attend for repeat miniature	—	—	—	
Recalled for large film	4	11	15	
Failed to attend for large film	—	—	—	
Passed on large film	2	9	11	
Recalled for medical interview after large film	—	—	—	
Recalled for medical interview without large film	—	—	—	
Referred to Chest Clinic ...	2	1	3	
Referred to "own doctor" ...	—	—	—	
"No action" cases after interview	—	1	1	

I also append the result of X-rays in which the following diseases and abnormalities were discovered:—

	Percy Jackson		
	Carcroft	Grammar Sch.	Woodlands
Number of people x-rayed	1502	611	2252
	No. of cases	No. of cases	No. of cases
Abnormalities of bony			
thorax and lungs ...	—	—	—
Chronic bronchitis and			
emphysema	8	—	23
Pneumonia (non-tuberculous)	—	1	5
Bronchiectasis	2	1	5
Pulmonary fibrosis ...	5	—	—
Pneumoconiosis ...	34	—	46
Basal fibrosis	—	—	—
Plural thickening ...	2	—	2
Plural & interlobar effusion	—	—	2
Spontaneous pneumothorax	1	—	—
Interthoracic new growth	1	—	1
Cardiovascular lesions—			
acquired	8	—	8
Miscellaneous (incl. acquired			
conditions of ribs, etc.	1	—	—
Tuberculosis—			
inactive primary lesion	1	1	—
active post-primary			
unilateral	2	—	2
,, ,, bilateral	2	—	1
inactive, post-primary ..	8	—	13
pleural effusion ...	—	—	—

15. Clinics and Treatment Centres.

Appended is a list of clinics and treatment centres:

CLINICS	SITUATION	TIME OF OPENING
Maternity Child Welfare	Woodside Chapel, Woodlands	Thursday, 10 a.m.—4 p.m.
"	Presbyterian Church, Carcroft	Thursday, 10 a.m.—4 p.m.
Ante-Natal	Woodside Chapel, Woodlands	Tuesday, 10 a.m.—4 p.m.
"	Presbyterian Church, Carcroft	Monday, 2 p.m.—4 p.m.
Venereal Diseases	Doncaster Royal Infirmary	MEN: Tuesday, 5-30—7.30 Friday, 4—6 p.m. WOMEN & CHILDREN: Monday, 4—6 p.m. Friday, 6—8 p.m.
Diphtheria Immunisation	Child Welfare Clinics	By appointment
Vaccination	Child Welfare Centres	By appointment
School Clinics	Presbyterian Church, Carcroft Adwick Park School Hostels Woodlands School Highfields School	Friday, 9—12 a.m. Wednesday, 9—12 a.m. Wednesday, 2—3 p.m. Tuesday, 2—4 p.m. Wednesday, 10—12 a.m.
Orthopædic	Christ Church Road, Doncaster	By appointment
Ear, Nose and Throat	Doncaster Royal Infirmary	By appointment
Refraction	Wood Street Clinic	By appointment

SANITARY CIRCUMSTANCES OF THE AREA

1. Water.

The supply of water from the Tickhill Joint Board is now inadequate and the Council has augmented the supply with water from Bullcroft Pit. This water is very hard, although satisfactory in all other respects, and its use has enabled the Council to keep a constant supply to the householder. Plans are well advanced to increase the supply of water from the Tickhill Joint Board, duplicating the trunk mains to give an adequate supply to all areas, and form a new Joint Water Board on which this district will be represented.

2. Rivers and Streams.

The Mill Stream and the Ea beck flow through the area.

3. Drainage and Sewerage.

The effluent from the sewage works continues to be classified as satisfactory. With the erection of the new Council houses, the capacity of the existing sewage works is now reaching its maximum.

4. Scavenging.

This is carried out by the Council's Surveyor. Refuse is tipped on lanes adjoining the Sewage Works and the Ea Beck at Bentley Moor Lane.

5. Offensive Trades.

Fish Frying—there are 16 shops in this area and 18 inspections were made.

Knacker's Yard—none in the area.

Common Lodging Houses—none in the area.

6. Schools.

There are seven primary school department, two secondary modern schools and one grammar school. In addition, the R.C. school is an all-department school.

No schools were closed during the year.

There are five school canteens in the area.

7. Rainfall and Temperature.

Your Surveyor, W. S. Ellis, Esq., has kindly supplied me with a copy of the recording of rainfall and temperature throughout the year.

Month	RAINFALL		TEMPERATURE			
	Year	Year	Minimum Deg.		Maximum Deg.	
	1954	1953	1954	1953	1954	1953
January	1·20" 1" snow	·20"	18	22	49	56
February	2·04" 7½" snow	·99"	15	20	50	56
March	1·72" 4" snow	·45"	19	20	60	68
April	·39"	No reading	26	26	61	80
May	3·25"	No reading	30	30	81	85
June	1·62"	No reading	38	34	75	88
July	1·88"	2·69"	42	42	77	94
August	4·05"	2·64"	38	42	82	92
September	1·40"	2·16"	33	31	82	82
October	2·81"	1·64"	27	26	71	64
November	4·06"	1·54"	26	28	56	60
December	2·58"	1·24"	28	30	59	50

The wettest day of the year was the 29th May, with a rainfall of 1·48", the hottest days were the 3rd August and 1st September, each with a temperature of 82° and the coldest day was the 2nd February with a temperature of 15°.

HOUSING.

176 houses were built in the district during 1954. The number of houses in the various wards are:—

Skellow	...	...	...	...	959
Carcroft	...	...	...	...	1096
Adwick	...	...	...	...	989
Woodlands East	...	...	...	...	599
Woodlands	...	...	...	...	1148
Highfields	...	...	...	...	462
					5253

The useful life of the hostels has ended and they are now being demolished. The site will be used for the erection of Council houses.

The survey of the district for houses which will be considered for demolition has been completed and returns have been made to the Ministry. Detailed inspections of the houses are now taking place with a view to dealing with the house unfit for human habitation either as clearance areas or as individual unfit houses.

SECTION F.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

During the year 81 cases of infectious diseases were notified, compared with 453 in 1953. This great reduction in notifications was due entirely to the absence of a measles or whooping cough outbreak.

A sudden short outbreak of sonne dysentery occurred at the end the year and continued into 1955. Unfortunately one child died.

Investigations seldom prove conclusive in this disease, and, despite many and detailed enquiries, no source of infection was discovered. All contacts were kept under supervision and the necessary tests carried out.

No case of poliomyelitis occurred during the year and once again no case of iphtheria was notified during the year.

INFECTIOUS DISEASES

Disease	Adwick	High- fields	Wood- lands	Wood- lands	Carcroft	Skellow	Total
Pneumonia	4	3	3	3	6	9	28
Measles	—	—	22	1	1	1	25
Scarlet Fever	—	—	3	2	2	6	13
Sonne Dysentery	1	—	1	7	—	—	9
Puerperal Purexia	—	—	—	1	—	—	1
Ophthalmia Nneonatorum	—	—	2	1	—	—	3
Whooping-Cough	1	—	1	—	—	—	2
Totals ...	6	3	32	15	9	16	81

DISTRIBUTION OF INFECTIOUS DISEASES IN AGE GROUPS.

Disease	Under 1	1	2	3	4	5	10	15	20	35	45	& over 65	Total	Hosp	Con- firmed	Deaths
Pneumonia	1	1	—	1	1	5	3	1	6	1	4	4	28	1	28	—
Measles	1	5	2	2	—	15	—	—	—	—	—	—	25	—	25	—
Scarlet Fever	—	—	4	—	2	7	—	—	—	—	—	—	13	12	12	—
Dysentery	1	—	—	—	1	3	—	—	4	—	—	—	9	6	9	1
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	1	—	—	1	—	1	—
Ophthalmia Neonatorum	3	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—
Whooping Cough	—	—	—	—	—	1	1	—	—	—	—	—	2	—	2	—
Polio- myelitis																
Erysipelas																
Diphtheria																
Food Poisoning																
Totals ...	6	6	6	3	4	31	4	1	10	2	4	4	81	19	80	1

Diphtheria Immunisation.

Immunisation clinics were held throughout the year at schools and Child Welfare Centres.

Acceptances of immunisation against Diphtheria have increased slightly, but continued efforts are being made by all nurses to increase the acceptance rate. Young mothers have no experience of the dread disease that Diphtheria is, and there is always the danger of its re-appearance should the acceptance rate fall.

The Public Health Service can take credit for many achievements, but none is greater than this disappearance of Diphtheria. Complacency must be guarded against, however, and the efforts made to increase the acceptance rate are not now as easy as when Diphtheria was prevalent in the district.

On the 31st December, 1954, the following figures were submitted to the Ministry of Health.

	Age under five years	Age 5 years and over but under 15	Total
No. of children (including temporary residents) who completed the full course of immunisation in the authority's area between 1st. Jan. and 31st December, 1953	252	15	267
No. of children who received a Booster injection	29	218	247

Immunisation in Relation to Child Population

Age at 31/12/54	Under 1 yr.	1-4 yrs.	5-9 yrs.	10-15 yrs.	Total
Number Immunised	41	791	1551	1408	3791
Estimated Child Population 1954	1700		3600		5,300
Percentage Immunised	49%		82%		

Whooping Cough Immunisation.

Clinics were held throughout the year at the Child Welfare Centres. There has been no large-scale acceptance of the preventive measure by the mothers, but the numbrs are increasing.

Whooping Cough Immunisation.

Age at 31/12/54	Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 yrs.	6 yrs.	Total
Immunised 1954	28	152	21	9	3	—	—	213
Already Immunised ...	—	13	139	122	60	36	7	377
Total ...	28	165	160	131	63	36	7	590

Vaccination.

Vaccination is carried out at all the clinics, but the numbers accepting this protection against Smallpox are very small.

Age	Under 1 year	1 year	2-4 years	5-14 years	15 years and over	Total
Number Vaccinated ..	95	7	5	2	6	115
Number Re-vaccinated ..	—	—	—	—	7	7

Tuberculosis

New Cases and Mortality, 1954, with comparative figures, 1953.

NEW CASES

DEATHS

Age Group	RESPIRATORY				OTHER FORMS				RESPIRATORY				OTHER FORMS			
	Male		Female		Male		Female		Male		Female		Male		Female	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
0 to 1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 5	1	1	—	—	—	—	1	—	—	—	—	—	—	1	—	—
5 to 15	—	1	3	—	—	—	—	1	—	—	—	—	—	—	—	—
15 to 25	2	—	1	2	—	—	—	—	1	—	1	1	—	—	—	—
25 to 35	1	2	5	2	—	—	—	1	—	—	1	1	—	—	—	—
35 to 45	—	1	3	—	—	—	—	—	—	—	1	—	—	—	—	—
45 to 55	2	1	1	—	1	—	—	—	—	—	1	—	—	—	—	—
55 to 65	4	3	1	—	—	—	—	—	2	1	—	1	—	—	—	—
65 and over ..	1	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—
TOTAL	11	9	14	4	1	2	—	2	3	1	4	3	—	1	—	—

Tuberculosis.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

There were seven deaths attributed to Tuberculosis during the year, giving a death rate of 0·37 per 1,000 population.

The number of cases in the Tuberculosis Register at 31st 1954, compared with the previous year was:—

1954				1953			
	M	F			M	F	
Respiratory	76	62	...	Respiratory	68	54	
Other forms	32	17	...	Other forms	32	16	

There have been no cases of wilful neglect or refusal to notify. The medical practitioners in the area are prompt in their notification of Tuberculosis.

Care and After-Care of Tuberculosis.

A special committee for this purpose has been established for some years. The committee consists of lay members and representatives of the Medical Officers of Health in Doncaster and district. Financial assistance is given to the committee by the West Riding County Council and the Doncaster County Borough.

It has been possible to help many cases with clothing, bedding, etc. This committee carries out most useful work, and the advice of the special health visitors for tuberculosis is always available.

The tuberculosis health visitor continues to prove a most valuable link between the Consultant and the Chest Clinic and the Medical Officer of Health. Background reports are submitted to each officer, and this home visiting enables the chest physician to be assured that his advice is being carried out. It also enables the Medical Officer of Health to consider the housing conditions and to attempt where possible to improve them.

The County Council also provide free milk up to 1 pint per day to cases recommended by the Tuberculosis Officer.

CAUSES OF DEATH—1954

						Males	Females
	All causes	...	...	...	...	102	77
1	Tuberculosis—Respiratory	...	...	...	...	3	4
2	Tuberculosis—other forms	...	...	...	...	—	—
3	Syphilitic disease	...	...	...	...	—	—
4	Diphtheria	...	...	...	...	—	—
5	Whooping Cough	...	...	...	...	—	—
6	Meningococcal infections	...	...	...	...	—	—
7	Acute Poliomyelitis	...	...	...	...	—	—
8	Measles	...	...	...	...	—	—
9	Other infective and parasitic disease	...	...	...	...	1	1
10	Malignant Neoplasm—stomach	...	...	...	...	4	2
11	Malignant Neoplasm—lung, bronchus	...	...	...	...	4	—
12	Malignant Neoplasm—breast	...	...	...	...	—	6
13	Malignant Neoplasm—uterus	...	...	...	...	—	1
14	Other malignant and Lymphatic Neoplasms	...	...	...	...	10	7
15	Leukaemia, Aleukaemia	...	...	...	...	1	—
16	Diabetes	...	...	...	...	—	—
17	Vascular lesions of nervous system	...	...	...	...	11	15
18	Coronary Disease, Angina	...	...	...	...	11	8
19	Hypertension with Heart Disease	...	...	...	...	—	—
20	Other Heart Disease	...	...	...	...	16	12
21	Other Circulatory Disease	...	...	...	...	4	2
22	Influenza	...	...	...	...	1	—
23	Pneumonia	...	...	...	...	6	1
24	Bronchitis	...	...	...	...	12	5
25	Other diseases of Respiratory System	...	...	...	...	2	—
26	Ulcer of Stomach and Duodenum	...	...	...	...	2	—
27	Gastritis, Enteritis and Diarrhoea	...	...	...	...	—	—
28	Nephritis and Nephrosis	...	...	...	...	1	—
29	Hyperplasia of Prostate	...	...	...	...	1	—
30	Pregnancy, Childbirth, Abortion	...	...	...	...	—	1
31	Congenital malformations	...	...	...	...	—	2
32	Other defined and ill-defined diseases	...	...	...	...	8	6
33	Motor vehicle accidents	...	...	...	...	1	—
34	All other accidents	...	...	...	...	2	3
35	Suicide	...	...	...	...	1	1
36	Homicide and operations of war	...	...	...	...	—	—

Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors)

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of		
			Inspections (4)	Written notices (5)	Occupiers prosecuted (6)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	2	2	—	—
(ii) Factories not included in (1) in which Section 7 is enforced by the Local Authority	2	27	22	—	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	—	—	—	—
TOTAL ...		29	24	—	—

Cases in which defects were found—One.

Outwork—Nil return.

J. FERGUSON,

Medical Officer of Health.

URBAN DISTRICT COUNCIL OF
ADWICK-LE-STREET
ANNUAL REPORT OF THE SANITARY INSPECTOR
W. SENIOR, M.S.I.A.
for the Year 1954

To the Chairman and Members of the
Urban District Council of Adwick-le-Street.

Mr. Chairman and Gentlemen,

I have pleasure in submitting to you my annual report for 1954.

In the following pages are tabulated the inspections made and notices served, both preliminary and statutory, under the provisions of the Public Health Act, 1936, and Housing Act, 1936, also of work carried out as a result of the requirements of those notices.

Housing

The past year will be noted as the year in which Slum Clearance returned to the forefront of a local authorities problems by reason of the Housing Repairs and Rents Act, 1954. With a few exceptions slum clearance has lain dormant since the outbreak of the war in 1939. Whilst some emergency cases have been dealt with either informally or as individual houses under Section 11, of the Housing Act, 1936, the major problem has remained untouched.

Local authorities are now required to submit their proposals for dealing with slums during the next five years, to the Minister of Housing and Local Government before September, 1955.

Some progress has been made in preparing this work by a preliminary survey and no doubt the report will be completed in the time limit.

During the year a number of families have been rehoused from dwellings in respect of which the Council have served demolition orders.

In carrying out the preliminary survey it is surprising the number of houses which, before the war were being considered for clearance, have since the war been reconditioned.

When the Housing Repairs and Rents Act, 1954, came into operation it was expected that there would be a big demand for certificates or disrepair from occupiers of dwellinghouses when they received notice of rent increases as allowed by the Act. This expectation has not been realised so far as this District is concerned.

Tents, Vans, Sheds and Similar Structures

Caravan dwelling by itinerant hawkers and dealers is increasing and consequently more time has to be given in dealing with it. So far the district has been kept fairly clear mainly as a result of informal action and the threat of statutory action.

The nuisances created by caravan dwellers arises from lack of sanitary arrangements on the sites they use, together with general destruction of hedgerows and the obstruction of ditches. After Langthwaite Lane was cleared it was found that a severe rat infestation existed on the site of each vacated encampment.

Smoke Abatement

Mechanisation of the steam raising plant at both collieries is now complete but unfortunately some smoke trouble still remains. It is, however, very slight when compared with what we have had in the past and it is expected it will be overcome in the very near future.

The main smoke problem now arises from dwellinghouse chimneys over which we have not a great deal of control. However, some progress is being made to mitigate domestic smoke nuisance by the introduction of modern fuel efficiency cooking-ranges and in time smoke pollution will become much less.

The worst feature of the domestic smoke problem arises from the unfortunate occurrence of chimney firing. Whether this is by accident or design it creates a most objectionable nuisance (which could evoke reprisals) and for which there is no excuse.

Colliery Spoilbanks

There are three colliery spoilbanks in the District. Two at Bullcroft and one at Brodsworth and all are well under control and creating no nuisance.

Air-Raid Shelters

Although a large number of shelters have been demolished since the war a considerable number remain and all are a source of trouble to the local authority and the public.

A survey has been carried out of three areas in the District when it was found that many shelters were being used as sanitary conveniences and causing a serious nuisance to the householders on whose premises the shelters have been built and who have struggled for years to keep them respectable.

In many cases the shelters also obstruct natural lighting and considerably detract from the amenities and appearance of the District. The underground shelters at Woodlands appear to have become large ashpits.

Schools

It is pleasing to report that the County Council have during the past year provided additional sanitary accommodation at two schools in the District. In both cases it was found that there was only one lavatory available for male and female teaching staff.

Inspection and Supervision of Food

During the year, by resolution of the Council, the provisions of Section 76 and 120 of the West Riding County Council regarding the registration of Hawkers of Food and their Premises and the Registration of Hairdressers and Barbers came into operation.

By Section 76 the Council have registered 55 Hawkers of Food and 24 Food Storage premises. Many alterations and improvements have been sought and obtained in food hawkers storage premises.

By Section 120 the Council have registered 12 hairdressers and barbers and their premises.

As a result of the Slaughterhouses Act, 1954, the Council re-licenced two Slaughterhouses and slaughtering re-commenced in this District. Before licences were issued the Council had meetings with the Butchers' Association. Details of meat inspection are set out in the following report.

Of the 63 samples of Pasteurised and 42 samples of T.T. Pasteurised milk taken for the phosphates and methylene blue tests only one sample failed to pass the phosphatase test, and this was due to a temporary breakdown in the plant due to frost. The defect was repaired immediately.

All samples passed the methylene blue test and in only one case was the test not valid, this was due to the atmospheric shade temperature being in excess of 65° F.

21 samples of Sterilised milk have also been taken and these were found to be satisfactory on examination.

The Examination of Milk for the Presence of Tuberculosis

Of the 261 samples of milk taken for examination for tuberculosis, throughout the year, 244 were found to be negative and 17 positive.

The following table shows the percentage of samples found tuberculosis during the past few years:

1954	—	6.51%	1948	—	3.00%
1953	—	4.85%	1947	—	7.32%
1952	—	14.20%	1946	—	4.16%
1951	—	0.00%	1945	—	7.01%
1950	—	0.00%	1944	—	8.80%
1949	—	0.00%			

Investigations were carried out by the Veterinary Department of the Ministry of Agriculture and Fisheries at each of the 17 farms from which positive milk samples were obtained. Reports have been received from the Ministry upon each of the 17 cases. In one case the farm concerned had sold out, in a second cases no cattle were slaughtered as no affected cow could be found, in 13 cases one cow was slaughtered from each farm, in another case two cows were slaughtered from a farm and in the last case the report states that one cow is being dealt with under the Tuberculosis Order.

The supervision of the milk supply is always with us as a Health Authority. Very little undesignated raw milk is sold in this District. Heat treated milk being supplied to homes, schools, commercial and industrial undertakings.

Twentysix samples of milk for chemical analysis have been taken during the year and all were found genuine. In addition sampling of pasteurised and designated milk has continued and it is pleasing to note that a very satisfactory standard has been maintained. With regard to the investigations made into the presence of tuberculosis in milk before pasteurisation the results have proved the value of the work. Of the 261 samples taken 17 or 6.5% were found to be tuberculous. As the disease is, at times, only given off intermittantly the actual percentage, if it were possible to find out, would probably be somewhat higher. In either case it is disturbing to discover that such a high percentage of tuberculous milk can still be found. As against this the milk concerned is pasteurised, i.e. heat treated and the disease thereby attenuated though not necessarily destroyed and the milk made safe as can be, without resorting to boiling. It may of course be asked why sample milk which is to be pasteurised and rendered safe, and the

answer is that as good as they are, modern pasteurisation methods can break down. Again it is in the interest of the consumer that milk should be free from disease, notwithstanding pasteurisation and a final point, the following up of a positive milk sample invariably means that ultimately a diseased cow is removed from a herd. As a result of investigations made by the Ministry of Agriculture and Fisheries into the 17 positive milk samples 16 cows were dealt with under the Tuberculosis Order, which can be considered satisfactory.

Water Supply

Last year I reported upon the water supply at Brodsworth Colliery Offices and Yard which, notwithstanding chlorination, remained contaminated, and recommended that the colliery supply should be replaced by the Town's water supply. I am now pleased to report that this has been done, but not until frequent sampling revealed contamination.

Rodent Control Operations

This work is well under control and favourably regarded by the Ministry, who make a financial allowance towards the upkeep of the service.

It is pleasing to be able to report that the sewers are still clear of infestation and that the original heavy rat infestations which existed at the sewage works, refuse tips and salvage depots have been reduced to a very small number which would undoubtedly multiply very rapidly if rodent control operations were not maintained.

As in many other Districts we are finding that as a problem, mice take more poisoning than rats.

General

There has been activity in both industrial and commercial undertakings during the period under review. The completion of a steel reclamation factory at Carcroft, in respect of which the Council have responsibilities regarding fire escape and sanitary conveniences, have been satisfactorily dealt with.

Also a new bakehouse has been constructed.

The two transport cafes in the district have changed hands, and much development has taken place, including the modernisation of the premises both inside and outside. In another case a roadside garage has provided sanitary accommodation at considerable expense, and this has been facilitated by the fact that the Council are now able to empty cesspools.

Improvements have also been sought and been obtained at some of the clubs.

I would like to thank the Members of the Council, the Public Health Sub-Committee and the Health and Housing Committee for their co-operation during the year and for the privilege of attending the Annual Conference of the Sanitary Inspector's Association and the Sessional Meeting held at Morley, in respect of which reports have been submitted previously.

I am, gentlemen, your obedient servant,

W. SENIOR,

Sanitary Inspector, Shops Acts Inspector,

West Riding County Council (General Powers) Act, 1951.

The following sections of this Act were adopted during the year:—

- Section 30—Demolition of Buildings.
- Section 75—Slaughter of Animals otherwise than for human consumption.
- Section 76—Registration of Hawkers of Food and their Premises.
- Section 88—Safety of Stands.
- Section 120—Registration of Hairdressers and Barbers.

The advertisement regarding the adoption was published in the Doncaster Chronicle and the provisions of the sections came into operation on the 1st February, 1954. It was also resolved to make byelaws under Section 120.

Public Health Act, 1936—Section 154.

Two summonses were taken out against dealers for handing out balloons to children on exchange for rags. A conviction was secured in each case.

Summonses were also taken out in another case, but the persons concerned could not be traced at a later date.

RETURN OF INSPECTIONS, 1954.

Inspection of dwellinghouses	...	...	...	...	...	438
Hostel	...	...	...	...	...	36
For slum clearance	...	...	...	...	...	109
Investigation of cases of infectious disease and food poisoning	...	...	...	...	...	32
Investigation of complaints	...	...	...	...	...	103
Dwellinghouses regarding dirty and verminous condition	...	...	...	...	...	14
Tents, vans, sheds, and similar structures	...	...	...	...	...	90
Schools	...	...	...	...	...	31
Factories	...	...	...	...	...	22
Shops re Shops Act	...	...	...	...	...	33
Licensed premises and clubs	...	...	...	...	...	12
Bakehouses	...	...	...	...	...	14
Dairies	...	...	...	...	...	37
Ice-cream premises	...	...	...	...	...	80
Premises—bottled milk	...	...	...	...	...	39
Food preparing premises	...	...	...	...	...	25
Fried fish shops	...	...	...	...	...	18
Shops—meat and other food	...	...	...	...	...	64
Premises re keeping of animals, etc.	...	...	...	...	...	4
Drains	...	...	...	...	...	147
Smoke observations	...	...	...	...	...	2
Visits to steam-raising plants	...	...	...	...	...	6
Canteens, etc.	...	...	...	...	...	17
Premises re rodents	...	...	...	...	...	65
Air-raid shelters	...	...	...	...	...	2
Hairdressers and Barbers	...	...	...	...	...	50
Food storage accommodation	...	...	...	...	...	71
Food delivery vehicles	...	...	...	...	...	51
Streams and watercourses	...	...	...	...	...	10
Colliery spoilbanks	...	...	...	...	...	13
Water Works	...	...	...	...	...	4
Cinemas	...	...	...	...	...	7
Slaughter-houses	...	...	...	...	...	104

Miscellaneous visits	...	...	...	...	...	...	18
Premises with regard to water supply	...	...	...	...	...	...	8
Markets	...	...	...	...	...	...	21
Meat stalls	...	...	...	...	...	...	25
Fish stalls	...	...	...	...	...	...	32
Stalls of other food	...	...	...	...	...	...	217
Premises re offensive accumulations	...	...	...	...	...	...	1
Refuse tips and sewage disposal	...	...	...	...	...	...	26
Cesspools	...	...	...	...	...	...	8
Re-inspections	...	...	...	...	...	...	600
Premises disinfected	...	...	...	...	...	...	20
No. of milk samples taken for chemical analysis	...	...	...	...	...	...	26
No. of milk samples taken for examination for b.tuberculosis	...	...	...	...	...	...	261
No. of pasteurised milk samples taken for methylene blue and phosphatase test	...	...	...	...	...	...	63
No. of T.T. (pasteurised) milk samples taken for methylene blue and phosphatase test	...	...	...	...	...	...	42
No. of sterilised milk samples taken for turbidity test	...	...	...	...	...	...	21
No. of water samples taken for bacteriological examination	...	...	...	...	...	...	23
No. of icecream samples taken for methylene blue test	...	...	...	...	...	...	76
No. of ice-cream samples taken for chemical analysis	...	...	...	...	...	...	8
No. of informal notices outstanding 31st December, 1953	...	...	...	...	...	...	52
No. of informal notices served during 1954	...	...	...	...	...	...	160
TOTAL						...	212
No. of informal notices complied with during 1954	...	...	...	...	...	...	161
							51
No. of formal notices outstanding 31st December, 1953	...	...	...	...	...	...	5
No. of formal notices served during 1954	...	...	...	...	...	...	16
TOTAL						...	21
No. of formal notices- complied with during 1954	...	...	...	...	...	...	7
No. of formal notices outstanding 31st December, 1954	...	...	...	...	...	...	14

Details of repairs carried out in houses other than Council Houses upon informal and formal notices served under the provisions of the Public Health Act, 1936, and the Housing Act, 1936.

Living Rooms.

Old windows repaired	...	...	...	...	...	1
Window cords renewed	...	...	...	...	...	5
Dampness in walls prevented	...	...	...	...	...	4
Plaster of walls repaired	...	...	...	...	...	6
Plaster of ceilings repaired	...	...	...	...	...	1
Floors repaired	...	...	...	...	...	4
Floors reconstructed	...	...	...	...	...	16
Skirting boards provided and fixed	...	...	...	...	...	1

New fireplaces provided	2
Old fireplaces repaired	15
Smoky fireplaces abated	3
Ovens renewed	1
Cooking-range provided	5
Cooking-range re-constructed	8
Coppers repaired	1
Doors repaired	1

Sculleries or Wash Kitchens.

Window cords renewed	3
Dampness in walls prevented	1
Plaster of walls repaired	2
Plaster of ceilings repaired	6
Walls re-pointed	2
New sinks provided	1
Old sinks repaired	2
New taps provided	2
Water storage tank repaired	3
Water service pipe repaired	7
Waste pipes renewed	2
Waste pipes repaired	2
Coppers provided	2
Copper furnace pan provided	1
Cooking-range provided	1
Cooking-range repaired	4
Floors re-constructed	4
Doors repaired	6
Entrance step renewed	1

Pantry.

Floor re-constructed	4
-----------------------------	---

Sleeping Rooms.

Old windows repaired	6
Window cords renewed	16
Dampness in walls prevented	11
Plaster of walls repaired	15
Plaster of ceilings repaired	16
Dampness in ceilings prevented	7
Old fireplaces repaired	2
Floors repaired	3
Doors repaired	
Water storage tank repaired	1

Attic.

Plaster of walls repaired	2
Plaster of ceilings repaired	2
Skylight repaired	1

Lobby.

Plaster of walls repaired	2
----------------------------------	---

Passages.

Floors re constructed	...	...	...	...	...	2
Entrance door repaired	...	...	...	...	...	1

Staircases.

Plaster of walls repaired	...	...	...	...	...	4
Plaster of ceilings repaired	...	...	...	...	...	1
Walls painted	...	...	...	...	...	1
Tread renewed	...	...	...	...	...	2

External.

Roofs repaired	...	...	...	...	...	14
Yards paved	...	...	...	...	...	4
Eaves gutters provided	...	...	...	...	...	7
Eaves gutters cleansed	...	...	...	...	...	10
Eaves gutters repaired	...	...	...	...	...	11
Fall-pipes provided	...	...	...	...	...	5
Fall-pipes cleansed	...	...	...	...	...	6
Fall-pipes repaired	...	...	...	...	...	14
Rain water gullies cleansed	...	...	...	...	...	5
Air-grates renewed	...	...	...	...	...	3
Air-grates repaired	...	...	...	...	...	1
Air-grates cleansed	...	...	...	...	...	1
Path pipes cleansed	...	...	...	...	...	2
Grates provided	...	...	...	...	...	2
Walls re-pointed	...	...	...	...	...	5
Bay window repaired	...	...	...	...	...	5
Chimney stacks re-pointed	...	...	...	...	...	4
Chimney pots provided	...	...	...	...	...	3
Gates repaired	...	...	...	...	...	5
Boundary walls repaired	...	...	...	...	...	2

Outbuildings—Coal Stores.

Roofs repaired	...	...	...	...	...	3
Walls repointed	...	...	...	...	...	3

Water Closets.

Roofs repaired	...	...	...	...	...	3
Floors repaired	...	...	...	...	...	2
Walls repointed	...	...	...	...	...	3
Doors repaired	...	...	...	...	...	1
Fall pipes repaired or cleansed	...	...	...	...	...	1
Water supply pipes repaired	...	...	...	...	...	30
New flush pipes fixed	...	...	...	...	...	1
New cisterns fixed	...	...	...	...	...	11
Cisterns repaired	...	...	...	...	...	22
Seats provided	...	...	...	...	...	11
New pedestals provided	...	...	...	...	...	17
Joint between flush pipes and pedestal repaired	...	...	...	...	...	10
Joint between pedestal and drain repaired	...	...	...	...	...	2
Water closet drain renewed	...	...	...	...	...	1
Water closet drain re-constructed	...	...	...	...	...	2
Water closet drain cleansed	...	...	...	...	...	3
New water closets provided	...	...	...	...	...	11

Drains.

Ventilation pipes provided	...	...	...	...	1
Ventilation pipes cleansed	...	...	...	...	3
Ventilation pipes repaired	...	...	...	...	4
Cage to ventilation pipe provided	...	...	...	...	5
Shafts to ventilation pipe provided	...	...	...	...	5
Sink drain cleansed	...	...	...	...	1
Sink drain re-constructed	...	...	...	...	1
Waste pipe made to discharge over gully	...	...	...	...	1
Inspection chambers repaired	...	...	...	...	2
Inspection chamber cover provided	...	...	...	...	6
Surface water drain cleansed	...	...	...	...	1

General.

Wash bowls provided	...	...	...	...	7
Waste pipe to bath provided	...	...	...	...	3
Waste pipe to bath repaired	...	...	...	...	2
Water pipe repaired	...	...	...	...	1
Dirty house cleansed	...	...	...	...	2
Bath waste pipe connected to cesspool	...	...	...	...	1
Cesspool provided	...	...	...	...	1
Closet pail provided	...	...	...	...	1

Inspection of Food Supply.

The following articles of food have been condemned and destroyed:—

Marmalade	7 jars	Pickles	1 jar
Lemon Curd	5 jars	Piccalilli	1 jar
Orange Curd	1 jar	Red Cabbage	2 jars
Strawberry Jam	10 jars	Ketchup	1 bottle
Raspberry Jam	4 jars	Mayonnaise	4 jars
Pineapple Jam	1 jar	Soup	3 tins
Apricot Jam	1 tin	Cream	6 tins
Blackcurrant Jam	7 jars	Milk	28 tins
Cherry Jam	5 jars	Smoked Cod Fillets	1 box
Greengage Jam	12 jars	Fish Cakes	55 lbs
Mincemeat	1 jar	Fish	56 lbs
Mincemeat	3 lbs	Herrings	1 tin
Oranges	2 tins	Sardines	3 tins
Plums	8 tins	Pilehards	1 tin
Pineapples	17 tins	Salmon	3 tins
Bilberries	4 tins	Crab	2 tins
Grapefruit	2 tins	Beef Sausage	76 lbs
Peaches	9 tins	Pork Sausage	38 lbs
Grapes	2 tins	Sausage	32 lbs
Apricots	5 tins	Ham	8 tins (67 lbs)
Strawberries	11 tins	Ham	12 lbs
Cherries	1 tin	Tongue	6 tins (37 lbs)
Fruit Salad	2 tins	Tongue	7 lbs
Dates	2 pkts	Jellied Veal	2 tins
Figs	8 lbs	Luncheon Meat	9 tins
Loaves	23	Pressed Beef	1 tin
Chocolate Roll	1	Cooked Meat	5 lbs
Cake	94 lbs	Veal	2 lbs
Jam and Cream Cakes	11 lbs.	Steak	10 tins
Dolly Mixtures	2½ lbs	Corned Beef	6 tins
Sugared Almonds	1½ lbs	Bacon	7 lbs
Eggs	6	Rabbit	1 tin
Butter	12½ lbs	Meat Loaf	1
Cheese	110 lbs	Pork Pies	7
Cheese	1 box	Pork Pie	4 lbs
Cake Mixture	25 pkts	Peas	58 tins
Gravy Powder	181 pkts	Beans	32 tins
Oats	1 pkt	Tomatoes	187 tins
Fish Paste	1 jar	Beans in Tomatoes	90 tins
Sauce	9 bottles		

No of licensed slaughterhouses	2
No. of visits to slaughterhouses	104
No. of animals inspected since the de-control of meat	
July, 1954, to 31st December, 1954:—	

Bullocks	130
Heifers	11
Pigs	191
Sheep	85
	417

Details of meat found to be diseased and unfit for human consumption and destroyed:—

Parts Affected.	Disease
7 Bullocks heads and tongues	Localised Tuberculosis.
1 Heifer head and tongue.	Localised Tuberculosis.
2 Pigs heads and tongues.	Localised Tuberculosis.
5 Bullocks livers.	Localised Tuberculosis.
2 Bullocks livers.	Distomatosis.
1 Bullock liver.	Abcesses and Distomatosis.
1 Bullock liver.	Abcess.
5 Pigs livers.	Cirrhosis.
4 Bullocks mesenteric fat.	Localised Tuberculosis.
2 Heifers lungs.	Localised Tuberculosis.
1 Heifers lungs.	Pleurisy.
1 Sheeps lungs.	Parasitic Infestation.
1 Pig pluck.	Cirrhosis.
1 Pig carcase and organs.	Jaundice.
1 Pig carcase and organs.	Moribund.

FOOD AND DRUGS ACT, 1938

By the Sale of Milk Regulations, milk has to contain not less than 3% fat and not less than 8·5% solids other than fat.

It is also an offence to add either colouring matter or preservatives to milk.

During the year under review 26 milk samples have been taken for chemical analysis; all but one were found genuine. Details are set out below:—

No.	Total Solids %	Solid Fat %	Solids Not Fat %	Ash %	Preservatives	Freezing Point 0° C.	Remarks
1	12.17	3.50	8.67	—	—	—	Genuine
2	12.12	3.50	8.62	—	—	—	Genuine
3	12.00	3.40	8.60	—	—	—	Genuine
4	11.62	3.10	8.52	—	—	—	Genuine
5	12.43	3.70	8.73	—	—	—	Genuine
6	12.61	3.70	8.91	—	—	—	Genuine
7	12.40	3.40	9.00	—	—	—	Genuine
8	12.34	3.60	8.74	—	—	—	Genuine
9	11.65	3.15	8.50	—	—	—	Genuine
10	13.47	4.35	9.12	—	—	—	Genuine
11	12.41	3.70	8.71	—	—	—	Genuine
12	13.20	4.65	8.55	—	—	—	Genuine
13	12.52	3.75	8.77	—	—	—	Genuine
14	12.40	3.65	8.75	—	—	—	Genuine
15	12.52	3.75	8.77	—	—	—	Genuine
16	12.52	3.75	8.77	—	—	—	Genuine
17	12.50	3.90	8.60	—	—	—	Genuine
18	12.30	3.65	8.65	—	—	—	Genuine
19	12.53	3.80	8.73	—	—	—	Genuine
20	12.37	3.65	8.72	—	—	—	Genuine
21	12.56	3.85	8.71	—	—	—	Genuine
22	12.33	3.70	8.63	—	—	—	Genuine
23	12.36	3.65	8.71	—	—	—	Genuine
24	12.24	3.55	8.69	—	—	—	Genuine
25	12.53	3.70	8.83	—	—	—	Genuine
26	12.41	3.70	8.71	—	—	—	Genuine

ICE-CREAM (Heat Treatment, etc.) REGULATIONS, 1947.

The regulations broadly require that, subject to certain qualifications, the ingredients of ice-cream shall be heat-treated after being mixed and that the mixture shall then be cooled until the freezing process has begun. After freezing the ice-cream must not be sold unless it has been kept at a temperature of not more than 28°F, or if its temperature has risen above 28°F, unless it has again been heat treated and then kept at not more than 28°F after being frozen.

In the circular accompanying the regulations it is stated that as yet no test has been devised the reliability of which is sufficiently established to justify its use as a statutory test, non-compliance with which would constitute an offence. However, attention is drawn to a form of methylene blue test, and it is suggested that if out of the four grades recommended ice-cream consistently fails to reach Grades 1 and 2, it would be reasonable to regard this as indicating defects of manufacture or of handling which calls for further investigation.

Of the 76 ice-cream samples taken:—

63 or 82·89% were in Grade 1—Satisfactory

10 or 13·17% were in Grade 2—Satisfactory

3 or 3·94% were in Grade 3—Doubtful.

By the Food Standards (Ice Cream) Order, 1951, ice-cream shall not contain less than 5 per cent. fat, 10 per cent. sugar and 7½ per cent. milk solids other than fat.

No.	Total Solid	Fat %	Preservatives	Remarks
1	35.94	11.30	Absent	Genuine
2	33.41	7.53	Absent	Genuine
3	41.84	13.19	Absent	Genuine
4	36.19	10.55	Absent	Genuine
5	36.69	13.94	Absent	Genuine
6	35.47	10.36	Absent	Genuine
7	35.61	9.04	Absent	Genuine
8	39.80	12.81	Absent	Genuine

There are in the district 23 shops registered for the sale of ice-cream. The one ice-cream factory in the district closed down on the 31st December, 1953.

Water Supply.

During the year 23 samples of water have been obtained and submitted for bacteriological examination at the Public Health Laboratory, Wakefield, and the Public Analyst.

No.	Sample taken from	Probable No. of Coliform bacilli, Mac Conkey 2 days 37°C per 100 ml.	Probable No. of Faecal per 100 ml.	Remarks.
1	Brodsworth Colliery Offices	9	3	Contaminated
2	Brodsworth Colliery Yard ...	6	6	Contaminated
3	Red House Farm	0	0	Satisfactory
4	Brodsworth Colliery Offices	18+	1	Contaminated
5	Brodsworth Colliery Yard ...	6	0	Satisfactory
6	Carlsen Cafe	35	11	Contaminated
7	Red House Farm	8	1	Contaminated
8	Bullcroft Colliery	1	0	Satisfactory
9	Carlsen Cafe	35	0	Satisfactory
10	Red House Farm	180+	7	Contaminated
11	Bullcroft Colliery	25	0	Satisfactory
12	Adwick Water Works	25	0	Satisfactory
13	Red House Farm	90	35	Contaminated
14	Carlsen Cafe	3	0	Satisfactory
15	Red House Farm	5	0	Satisfactory
16	Carlsen Cafe	1	0	Satisfactory
17	Red House Farm	0	0	Satisfactory
18	Bullcroft Colliery	0	0	Satisfactory
19	Brodsworth Colliery Offices	3	1	Contaminated
20	Brodsworth Colliery Yard ...	2	0	Satisfactory
21	Red House Farm	1	0	Satisfactory
22	Carlsen Cafe	0	0	Satisfactory
23	The Crescent, Woodlands ...	0	0	Satisfactory

Rodent Control (Rat) Operations (Sorex No. 1)

Year ending 31st December, 1954.

Quarter Ending	Premises Treated	Points (Sorex)	Baits Laid	C.T.	P.T.	N.T.	Rat Bodies Recovered
31/ 3/54 ...	9	167	1793	427	340	1026	30
30/ 6/54 ...	63	242	1347	41	496	810	84
30/ 9/54 ...	19	256	1343	9	181	653	49
31/12/54 ...	52	446	3011	65	620	2320	102
	143	1111	7494	542	1627	4809	265

Rodent Control (Rat) Operations (A.N.T.U.)

Quarter Ending	Premises Treated	Points	Pre-baits	C.T.	P.T.	N.T.	Poison Points	C.T.	P.T.	N.T.	Rat Bodies Recovered
31/ 3/54 ...	2	44	88	35	19	34	44	8	17	19	7
31/12/54 ...	2	45	116	3	65	48	45	—	19	26	5
	4	89	204	38	84	82	89	8	36	45	12

Rodent Control (Mouse) Operations (Sorex No. 5)

Quarter Ending	Premises Treated	Points (Sorex)	Bait Laid	C.T.	P.T.	N.T.	Rat Bodies Recovered
31/ 3/54 ...	1	16	34	—	17	17	3
30/ 6/54 ...	12	138	645	18	228	399	32
30/ 9/54 ...	19	256	1343	9	181	653	49
31/12/54 ...	17	189	1501	33	255	1213	37
	49	599	3523	60	681	2282	121

Treatments and Inspections of Premises for Rodents during 1954.

Quarter Ending	Inspections	Treatments
31/ 3/54 ...	194	12
30/ 6/54 ...	3203	75
30/ 9/54 ...	799	38
31/12/54 ...	693	71
	4889	196

